



Guide Smart Home System



This guide will show you the main parts of the smart home system available in your apartment.

The ambition has been to make a tool to actively control and follow up the usage and cost of energy. With the functionality of the E.ON app it is possible to actively see usage in kWh, litres and cost in SEK. In addition to this the temperature is programmed through the app.

Note; default language is Swedish.



Menu Rum Värme
Requested temperature and current temperature for each room is presented here.

NOTE Do not change the temperature in this function. Changed data will be reset to scheduled temperature change. See schedule on next page.



Menu Rum Prylar
Usage data for heating, warm- and cold water. If a smart plug is used this is also shown.

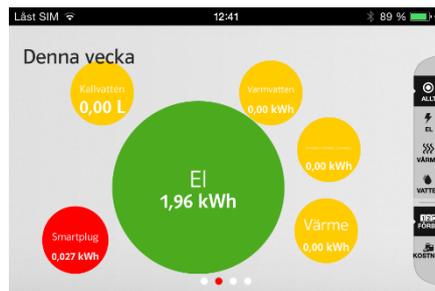
Turn the unit 90 degrees

In this view consumption is shown in kWh or litre. In the bottom right corner the corresponding cost can be selected to be shown in the circles. By pressing anywhere on the screen the figures are shown per month, in the same units as selected in the previous screen.

In the balloon screen 4 different pictures can be selected by dragging the whole screen to the left; 1 right now, 2 this week, 3 this month and 4 this year.

NOTE. The heating cost is 0 as this is not charged at present. Also note the fixed costs added on both electricity and water.

TIP. The balloon with the small text (Solfångare produktion) shows how much of the warmwater that comes from the sun.

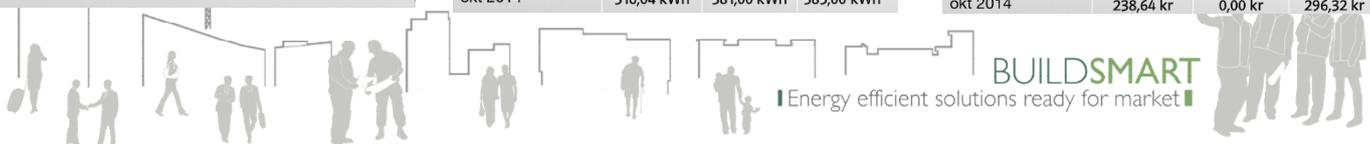


Energiförbrukning / månad

| | EL | VÄRME | VATTEN |
|----------|------------|-------------|------------|
| mar 2015 | 301,61 kWh | 836,63 kWh | 285,88 kWh |
| feb 2015 | 265,59 kWh | 1370,85 kWh | 373,52 kWh |
| jan 2015 | 320,85 kWh | 1669,63 kWh | 429,87 kWh |
| dec 2014 | 347,48 kWh | 1529,33 kWh | 466,69 kWh |
| nov 2014 | 343,57 kWh | 934,33 kWh | 491,40 kWh |
| okt 2014 | 316,04 kWh | 381,00 kWh | 385,00 kWh |

Energikostnad / månad

| | EL | VÄRME | VATTEN |
|----------|-----------|---------|-----------|
| mar 2015 | 209,16 kr | 0,00 kr | 188,78 kr |
| feb 2015 | 201,94 kr | 0,00 kr | 291,38 kr |
| jan 2015 | 240,97 kr | 0,00 kr | 320,93 kr |
| dec 2014 | 270,98 kr | 0,00 kr | 369,90 kr |
| nov 2014 | 256,93 kr | 0,00 kr | 366,50 kr |
| okt 2014 | 238,64 kr | 0,00 kr | 296,32 kr |





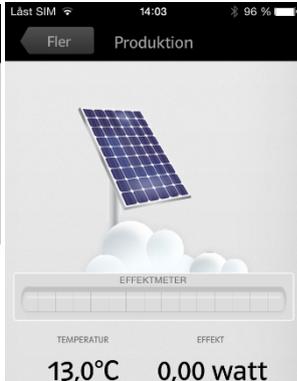
+Fler Meny



Smart kontroll

Control of the smart plug with schedules for power ON/OFF.

Touch  for more settings.

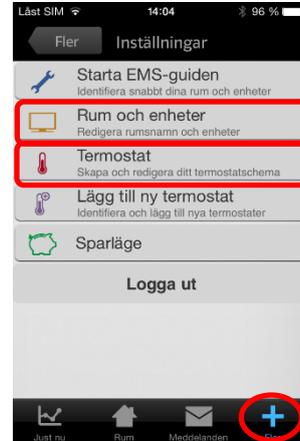


Solar collectors

The production is shown in watt (current effect).

The production is used to heat tap water.

Inställningar



Rum och enheter

This menu makes it possible to change the names of rooms. NOTE Do not change anything else.

Termostat Schema

The apartment has a schema for each of the rooms (thermostats). Just one schema for the whole apartment should be created. Each room has a time point and a temperature set. Due to the slow change in temperature in the building it is not recommended to have more than one temperature set per 24 hours.

The variation between highest temperature room and the lowest should not be more than 2 degrees. Higher temperature than 22 degrees is normally not permitted and could lead to heating problems in other parts of the building. Schemas with higher temperatures than 22 degrees might be changed centrally.

NOTE Control of room / zones in the top of screen must be green marked to be active. Don't forget to save changes.

All control of requested temperature is done in this schema. If any of the rooms are missing please contact E.ON. Support, see below for contact information.

TIP Matching colour of thermostats is found in the house symbol.

Termostat schema



Hemma / Borta (Home / Away)

On the top right corner in most of the screens a quick button is available for going on vacation. With one function the temperature for all rooms can be adjusted. Don't forget to select "Hemma" again when coming home, push once on this symbol to activate / deactivate this function.

NOTE see +Fler for settings for this function.

Other devices

You can download the "Smarta Hem app" on other devices. In app store search for "E-ON. Smarta Hem". Select to search only for Iphone app's if you are using an IPAD.

Currently only Apple products are supported.



Room thermostat

All thermostats are locked. In addition to this the light is set to off in the sleeping room to avoid disturbance.

NOTE! Requested temperature is done on the schemas for each room.

More information

Can be found in the black apartment binder. Here you will also find the user and password for your apartment.





Think Energy



Why save energy?

Climate change caused by the emission of carbon dioxide and other greenhouse gases is one of the foremost global environment problems today. Sweden has therefore taken action since the mid-70s to reduce its dependency on CO2-emitting fossil fuels from 75% to 35% today. This involved citizen engagement and high ambition levels.

Sweden is trying to move to 82% of energy from non-fossil fuels by 2020, but the first step to change starts in every household by conserving the energy that we currently use. Be part of the change and help Sweden fight climate change – not only for yourself but for the generations to come!

Energy Saving Tips

| | | | |
|--|--|--|--|
| | <p>Heating There are no radiators in your home, as the temperature is controlled via floor heating. Even if it is 21-22°C in your apartment, the floor will not feel hot.</p> | | <p>Temperature Control You can change the temperature of your apartment via the E.ON App. Please be patient as your home is heating up to the adjusted temperature. Don't select more than 22 degrees</p> |
| | <p>Air Ventilation The efficient air ventilation of your passive house will ensure clean air at the right temperature. Be careful not to air your apartment for longer periods than 15 minutes.</p> | | <p>Placement of Furniture Consider where you place your furniture, as windows radiate less heat than solid walls. It is therefore advised to place your couch at least 1 meter away from the window.</p> |
| | <p>Solar Thermal Panels Did you know that your hot water is heated via solar thermal panels on the roof on sunny days.</p> | | <p>Electrical Appliances Turn off all appliances at night or when not in use, as they can use a lot of energy on standby mode (e.g. TV, computer).</p> |
| | <p>Water Consumption Use a shower timer to reduce the amount of water you use and heat for your daily shower. Try and aim for 5min!</p> | | <p>Dishwasher Run your dishwasher on low temperature and ensure it is always full before turning it on.</p> |
| | <p>Washing Machine Run your washing machine on a cooler cycle and only with full loads to ensure fewer washes.</p> | | <p>Appliance Strips Buy appliance power strips so that you can turn all appliances off at the same time. Some of these also come with a remote control.</p> |





Think Energy



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| | <p>Daylight Use Maximise use of daylight. Hold off switching on lights in the evening until necessary.</p> | | <p>Lighting Turn off the lights after leaving a room and where you don't need them.</p> |
| | <p>Windows Clean your windows to take advantage of maximum sunlight from the sun.</p> | | <p>Oven Don't open your oven door too often during cooking times, as you can lose 20% of the accumulated heat. Same is applicable for fridge / freezer.</p> |
| | <p>Cooking Use lids on pots and pans while cooking. This will speed up cooking time and save energy.</p> | | <p>Boiling water Boil as much water as you need in the kettle when making coffee or tea. You may also consider an eco-kettle which will help you only boil as much water as you require.</p> |



Special Window Information

Our well isolated windows are sensitive to temperature differences. To avoid them cracking please follow the following

- ✓ Either have the curtains covering the window to 100% or not at all.
- ✓ Don't put cushions, clothes or other things close to the window.
- ✓ Don't place electrical heating devices or fans near the window.



[E.ON. Support hyllie@eon.se](mailto:hyllie@eon.se)
Rikard.Roth@rothfastigheter.se 070-6910383